



**FLAME-RETARDANT COMPOSITION****Publication number:** JP63020348 (A)**Publication date:** 1988-01-28**Inventor(s):** KOBAYASHI HIROTADA**Applicant(s):** FUJIKURA LTD**Classification:**

**- international:** *C08K13/02; C08K3/00; C08K3/32; C08K5/16; C08K5/52; C08L23/16; H01B3/44; H01B7/295; H01B3/44; C08K13/00; C08K3/00; C08K5/00; C08L23/00; H01B3/44; H01B7/17; H01B3/44; (IPC1-7): C08K3/00; C08K3/32; C08K5/52; C08K13/02; C08L23/16; H01B7/34*

**- European:****Application number:** JP19860163597 19860714**Priority number(s):** JP19860163597 19860714**Also published as:** JP7045602 (B) JP2019679 (C)**Abstract of JP 63020348 (A)**

**PURPOSE:**To provide the title compsn. which has excellent flame retardance and electrical characteristics, is suitable for use in covering wires, cables, etc. and does not contain any halogen, by blending a specified mixture with an inorg. filler, a carbonization accelerator and a vulcanizing agent.

**CONSTITUTION:**Clay (a) is blended with at least one member (b) selected from the group consisting of talc, alumina, zinc borate, silica, Al(OH)<sub>3</sub>, Mg(OH)<sub>2</sub>, Sb<sub>2</sub>O<sub>3</sub> and CaCO<sub>3</sub> in a weight ratio of (a) to (b) of 1-4 to obtain an inorg. filler (B). 100pts. (by weight; the same applies herebelow) mixture (A) of an ethylene/propylene copolymer (c) with a rubbery plastic contg. no halogen (e.g., butyl rubber) is blended with 200-400pts. component B, 5-35pts. carbonization accelerator (C) contg. no halogen selected from the group consisting of phosphoric ester compds.; (e.g., tricresyl phosphate), phosphate frit and ammonium tertiary phosphate and 0.1-10pts. vulcanizing agent (D) (e.g., tetramethylthiuram disulfide).

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